

Advent
Fig. 3 is a representation of the binding of thrombin to a PMMA dialyzer loaded with synthetic PEG_{10kD} thrombin inhibitor during repeated circulation of thrombin solutions; and

Fig. 4 is a representation of the binding of a synthetic PEG_{10kD} thrombin inhibitor to a PMMA dialyzer during 30-minute circulations.

DETAILED DESCRIPTION OF THE INVENTION--.

At page 32, at the top, please delete:

~~"PCT/EP98/02183
MAX-PLANCK-GESELLSCHAFT ZUR
FÖRDERUNG DER WISSENSCHAFTEN e.V., Berlin".~~

At page 32, after line 1 and below "CLAIMS", please insert:

~~--We claim:--.~~

At page 35, after the last line, please add the following:

--ABSTRACT OF THE DISCLOSURE

Q
The present invention relates to an interactive system comprising at least one active surface of plastic from monomers containing at least one structural element derived from a carbon dioxide (A), and at least one substance associated to a linker with at least one structural element (B) capable of establishing a hydrogen bond, and involving an interaction between the structural elements (A) and (B). That interactive system is suitable for presenting and eliminating substances in liquids.--

At page 1, immediately ~~above~~ ^{INTERACTIVE SYSTEM FOR PRESENTING}, insert

~~---~~TITLE OF THE INVENTION--.

At page 1, below "AND ELIMINATING SUBSTANCES", please delete

~~"DESCRIPTION"~~, and insert

~~---~~BACKGROUND OF THE INVENTION--.

At page 2, after line 22 and "special dietary requirements.", insert:

~~---~~BRIEF SUMMARY OF THE INVENTION--.

At page 4, after line 18, and below "have a larger surface", please insert:

--BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING

The foregoing summary, as well as the following detailed description of the preferred embodiments of the invention, will be better understood when read in conjunction with the appended drawings. For the purpose of illustrating the invention, there are shown in the drawings embodiments which are presently preferred. It should be understood, however, that the invention is not limited to the precise arrangements and instrumentalities shown. In the drawings, like numerals are used to indicate like elements throughout. In the drawings:

Fig. 1 is a representation of infrared spectra of polymethylmethacrylate, polyethylene glycol (5000) and PMMA-PEG interactive particles;

Fig. 2 is a representation of the binding of polyethylene glycol₁₀₀₀₀-hirudin to microparticles from different polyalkylmethacrylates;